

Title (en)
MACHINE FOR THE PREPARATION OF BEVERAGES

Title (de)
MASCHINE ZUR ZUBEREITUNG VON GETRÄNKEN

Title (fr)
MACHINE DE PRÉPARATION DE BOISSONS

Publication
EP 3788916 A1 20210310 (EN)

Application
EP 20194276 A 20200903

Priority
IT 201900015755 A 20190906

Abstract (en)
Beverage preparation machine, comprising a tank (2), a feed pump (3), a heat exchanger (4), and provided with an infusion unit (1; 5) comprising an infusion chamber (101, 201; 105, 205), equipped with means for feeding the infusion liquid (251; 255) and dispensing means for the prepared drink (121; 125), formed by two complementary portions and suitable, once coupled, for receiving a prepackaged charge of edible material, in which the two portions of said infusion chamber are provided with movement relative to each other, and the movement is suitably guided, and means for coupling between the two portions are provided, releasable; said two portions of said infusion chamber are one movable (201; 205) and one fixed (101; 105), being said movable portion (201; 205) equipped with actuation means comprising a hydraulic jack (501; 505) mechanically coupled to said movable portion (201; 205), and inserted in the circuit for feeding pressurized water to the infusion chamber, and releasable locking means being provided (481, 431, 491, 471; 435, 605, 625) of the coupling between said two portions of the infusion chamber.

IPC 8 full level
A47J 31/36 (2006.01); **A47J 31/46** (2006.01)

CPC (source: EP)
A47J 31/3614 (2013.01); **A47J 31/3633** (2013.01); **A47J 31/469** (2018.07)

Citation (applicant)
• WO 2007031378 A2 20070322 - TERMOZETA SPA [IT], et al
• EP 1495702 A1 20050112 - NESTEC SA [CH]
• EP 2717749 A1 20140416 - LAVAZZA LUIGI SPA [IT]
• EP 3053490 A1 20160810 - TUTTOESPRESSO SRL [IT]
• EP 2858538 A1 20150415 - LAVAZZA LUIGI SPA [IT]
• WO 2017005376 A1 20170112 - KONINKLIJKE PHILIPS NV [NL]
• WO 2011147796 A1 20111201 - CIE MEDITERRANEENNE DES CAFES [FR], et al

Citation (search report)
• [XA] WO 2011067264 A1 20110609 - NESTEC SA [CH], et al
• [XA] WO 2011147796 A1 20111201 - CIE MEDITERRANEENNE DES CAFES [FR], et al
• [A] WO 2017005376 A1 20170112 - KONINKLIJKE PHILIPS NV [NL]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3788916 A1 20210310; EP 3788916 B1 20230201; IT 201900015755 A1 20210306

DOCDB simple family (application)
EP 20194276 A 20200903; IT 201900015755 A 20190906